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speech recognition <and> natural language <and> feed

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Results Key:

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1 Natural language call routing: towards combination and boosting of classifiers

Imed Zitouni; Hong-Kwang Jeff Kuo; Chin-Hui Lee;

Automatic Speech Recognition and Understanding, 2001. ASRU '01. IEEE Workshop on, 9-13 Dec. 2001

Pages:202 - 205

[\[Abstract\]](#) [\[PDF Full-Text \(377 KB\)\]](#) IEEE CNF

2 An experiment in spoken language acquisition

Gorin, A.L.; Levinson, S.E.; Sankar, A.;

Speech and Audio Processing, IEEE Transactions on, Volume: 2, Issue: 1, Jan. 1994

Pages:224 - 240

[\[Abstract\]](#) [\[PDF Full-Text \(1620 KB\)\]](#) IEEE JNL

3 A close ring structure of speech recognition and understanding

Fu Qiuliang; Chen Fang; Lin Biqin; Yuan Baozong;

Intelligent Processing Systems, 1997. ICIPS '97. 1997 IEEE International Conference on, Volume: 2, 28-31 Oct. 1997

Pages:1769 - 1772 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(405 KB\)\]](#) IEEE CNF

4 Chinese word recognition and understanding with information feedback

Fu Qiuliang; Yuan Baozong; Lin Biqin;

Signal Processing, 1996., 3rd International Conference on, Volume: 1, 14-18 Oct. 1996

Pages:737 - 740 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) IEEE CNF

5 Using prosodic clues to decide when to produce back-channel utterances

Ward, N.;

Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Conference on , Volume: 3 , 3-6 Oct. 1996

Pages:1728 - 1731 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) IEEE CNF

6 Information retrieval system based on Romanian continuous speech recognition

Giurgiu, M.;

Systems, Man and Cybernetics, 2003. IEEE International Conference on , Volume: 2 , 5-8 Oct. 2003

Pages:1104 - 1109 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) IEEE CNF

7 Assessment of the VoiceMap spoken language system

Bayya, A.; Durian, M.; Meiskey, L.; Root, R.; Sparks, R.;

Interactive Voice Technology for Telecommunications Applications, 1994., Second IEEE Workshop on , 26-27 Sept. 1994

Pages:129 - 132

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) IEEE CNF

8 Automated call routing in a telecommunications network

Gorin, A.L.; Hanek, H.; Rose, R.; Miller, L.;

Interactive Voice Technology for Telecommunications Applications, 1994., Second IEEE Workshop on , 26-27 Sept. 1994

Pages:137 - 140

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) IEEE CNF

9 HMM-neural network monophone models for computer based articulation training for the hearing impaired

Devarajan, M.; Fansheng Meng; Hix, P.; Zahorian, S.A.;

Multimedia and Expo, 2003. ICME '03. Proceedings. 2003 International Conference on , Volume: 3 , 6-9 July 2003

Pages:III - 197-200 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(345 KB\)\]](#) IEEE CNF

10 Efficient ML training of CDHMM parameters based on prior evolution, posterior intervention and feedback

Qiang Hue; Smith, N.; Bin Ma;

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE International Conference on , Volume: 2 , 5-9 June 2000

Pages:II1001 - II1004 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) IEEE CNF

11 Insertion of interjectory response based on prosodic information

Okato, Y.; Kato, K.; Kamamoto, M.; Itahashi, S.;

Interactive Voice Technology for Telecommunications Applications, 1996. Proceedings., Third IEEE Workshop on , 30 Sept.-1 Oct. 1996

Pages:85 - 88

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) IEEE CNF

12 **HMM-neural network monophone models for computer-based articulation training for the hearing impaired**

Devarajan, M.; Fansheng Meng; Hix, P.; Zahorian, S.A.;

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2003

IEEE International Conference on , Volume: 2 , 6-10 April 2003

Pages:II - 369-72 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(339 KB\)\]](#) **IEEE CNF**

13 **A study on the use of a voice interactive system for teaching English to Italian children**

Giuliani, D.; Mich, O.; Nardon, M.;

Advanced Learning Technologies, 2003. Proceedings. The 3rd IEEE International Conference on , 9-11 July 2003

Pages:376 - 377

[\[Abstract\]](#) [\[PDF Full-Text \(194 KB\)\]](#) **IEEE CNF**

14 **Machine translation of conversation on the digitized battlefield**

Moody, J.; Steinbrecher, E.; Frederking, R.; Black, A.; Brown, R.;

Military Communications Conference, 2001. MILCOM 2001. Communications for Network-Centric Operations: Creating the Information Force. IEEE , Volume: 1 , 28-31 Oct. 2001

Pages:635 - 639 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(210 KB\)\]](#) **IEEE CNF**

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FAST [default.aspx]

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L1: (28) 704/257.ccls. and feedback
 L2: (1) 704/257.ccls. and feedback and 704/244.ccls.
 L3: (15) feedback and 704/244.ccls.
 L4: (7) natural adj language and 704/244.ccls.
 L5: (91) 704/5.ccls. and adaptation and correct and incorrect
 L6: (9) 704/244.ccls. and adaptation and correct and incorrect
 L7: (206) 704/5.ccls. and adaptation and task
 L8: (19) 704/244.ccls. and adaptation and task
 L9: (65) 704/5.ccls. and perplexity

Search:

DB: USPAT ☐ Eureka
 Default operator: ☐ Highlight all hit terms initially

704/5.ccls. and perplexity

U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P						
1	<input type="checkbox"/>	US 6697769 B1	20040224	13	Method and apparatus for fast machine training	703/2	704/2; 706/19;		Goodman, Joshua et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
2	<input type="checkbox"/>	US 6691088 B1	20040210	4	Method of determining parameters of a statistical	704/240	704/255		Blasig, Reinhard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
3	<input type="checkbox"/>	US 6611802 B2	20030826	25	Method and system for proofreading and correcting	704/235	704/260		Lewis, James R. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
4	<input type="checkbox"/>	US 6606597 B1	20030812	15	Augmented-word language model	704/270	704/275; 704/4		Ringger, Eric K. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
5	<input type="checkbox"/>	US 6594628 B1	20030715	9	Distributed voice recognition system	704/231	704/270		Jacobs, Paul S. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
6	<input type="checkbox"/>	US 6587822 B2	20030701	13	Web-based platform for interactive voice response	704/275	704/251; 704/260		Brown, Michael Kenneth et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
7	<input type="checkbox"/>	US 6484136 B1	20021119	12	Language model adaptation via network of similar users	704/9	704/255		Kanevsky, Dimitri et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
8	<input type="checkbox"/>	US 6477488 B1	20021105	13	Method for dynamic context scope selection in hybrid	704/9	704/1; 704/255		Bellegarda, Jerome R.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
9	<input type="checkbox"/>	US 6418431 B1	20020709	16	Information retrieval and speech recognition based on	707/4	704/257; 704/9		Manojan, Milind V. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
10	<input type="checkbox"/>	US 6415248 B1	20020702	10	Method for building linguistic models from a	704/1	704/255; 704/257		Bangalore, Srinivas et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
11	<input type="checkbox"/>	US 6385579 B1	20020507	12	Methods and apparatus for forming compound words for	704/243	704/256		Padmanabhan, Mukund et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US

Ready

The screenshot displays a Windows operating system environment with two primary windows open.

Left Window: [EAST - default = sp |]

- Title Bar:** EAST - default = sp |
- Menu Bar:** File Edit Tools Window Help
- Toolbar:** Standard icons for file operations (New, Open, Save, Print, Copy, Paste, Find, etc.).
- Content Area:** A hierarchical tree view showing folders and files.
 - Drafts**
 - Pending**
 - Active**
 - L1: (142) speech adj recognition and natural adj language and (feedback or feed adj back)
 - L2: (2) 1 and 704/244.ccls.
 - L3: (17) 1 and 704/257.ccls.
 - L4: (19) 2 or 3
 - L5: (34) speech adj recognition and natural adj language and (supervised or unsupervised)
 - L6: (71) speech adj recognition and natural adj language and adaptation** (Selected)
 - Failed**
 - Saved**
 - Favorites**
 - Tagged (0)**
 - UDC**
 - Queue**
 - Trash**

Right Window: [BRS form]

- Title Bar:** BRS form
- Form Fields:**
 - DBs:** USPAT
 - Default operator:** L OR
 - Bursts:** ☐ Bursts
 - Highlight all terms exactly:** ☒
- Description:** speech adj recognition and natural adj language and adaptation
- Status Bar:** BRS form GSP form Image List HTML

Main Data Table

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1	<input type="checkbox"/>	<input type="checkbox"/>	US 6738784 B1	20040518	13	Document and information processing system	707/104.1	704/235; 704/257;		Hovee, Simon L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6671818 B1	20031230	285	Problem isolation through translating and filtering	714/4	714/43; 714/48		Mikurek, Michael G.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6665642 B2	20031216	20	Transcoding system and method for improved access	704/260	704/2;	704/270.1;	Kanevsky, Dimitri et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6640145 B2	20031028	129	Media recording device with packet data interface	700/83	700/17; 700/19;		Hoffberg, Steven et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6606744 B1	20030812	285	Providing collaborative installation management in a voice-recognition-based methods for establishing	717/174	705/26; 717/178		Mikurek, Michael G.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6574599 B1	20030603	28	Voice-recognition-based methods for establishing	704/270	379/88.01; 379/88.03;		Lia, Kang S. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6574597 B1	20030603	12	Fully expanded context-dependent networks	704/251	704/255; 704/256;		Mohri, Mehryar et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
8	<input type="checkbox"/>	<input type="checkbox"/>	US 6556973 B1	20030429	6	Conversion between data representation formats	704/277	704/275; 704/9		Lewin, Erlend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6513006 B2	20030128	12	Automatic control of household activity using	704/257	704/10; 704/275		Howard, John et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
10	<input type="checkbox"/>	<input type="checkbox"/>	US 6505155 B1	20030107	12	Method and system for automatically adjusting	704/246	704/250		Vanbuskirk, Ronald et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
11	<input type="checkbox"/>	<input type="checkbox"/>	US 6501833 B2	20021231	17	Method and apparatus for dynamic adaptation of a	379/88.07	379/218.01; 379/67.1;		Phillips, Michael S. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US

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